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Range: from to ☐ Reverse complemented strand Features: ☐ SNP ☐ CDD ☒ MGC ☒

☐ 1: [L41161](#). Reports *Mus musculus* SM22...[gi:793751]

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LOCUS MUSSM22A01 1419 bp DNA linear ROD 11-OCT-1995

DEFINITION *Mus musculus* SM22 alpha gene, exon 1.

ACCESSION L41161

VERSION L41161.1 GI:793751

KEYWORDS SM22 alpha gene; cytoplasmic protein.

SEGMENT 1 of 3

SOURCE *Mus musculus* (house mouse)

ORGANISM *Mus musculus*

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;
Sciurognathi; Muroidea; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 1419)

AUTHORS Solway,J., Seltzer,J., Samaha,F.F., Kim,S., Alger,L.E., Niu,Q.,
Morrissey,E.E., Ip,H.S. and Parmacek,M.S.

TITLE Structure and expression of a smooth muscle cell-specific gene,
SM22 alpha

JOURNAL J. Biol. Chem. 270 (22), 13460-13469 (1995)

PUBMED [7768949](#)

COMMENT Original source text: *Mus musculus* (strain SV129) (clone library:
Stratagene) liver DNA.

FEATURES Location/Qualifiers

source

1..1419

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="SV129"

/db_xref="taxon:10090"

/tissue_type="liver"

/clone_lib="Stratagene"

gene

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/gene="SM22 alpha"

promoter

1..1340

/gene="SM22 alpha"

/experiment="experimental evidence, no additional details
recorded"

exon

1341..1404

/gene="SM22 alpha"

/experiment="experimental evidence, no additional details
recorded"

/note="untranslated"

/number=1

intron

order(1405..1419,L41169.1:1..25)

/gene="SM22 alpha"

/note="contains 4000 bp gap"

/number=1

ORIGIN

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121 cagccaggct ggctgtagtg gattgagcgt ctgaggctgc acctctctgg cctgcagcca
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```

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1381 ccagtccaca aacgaccaag ccttgtaagt gcaagtcac
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//

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Oct 4 2005 13:52:42